

Pediatric Trauma

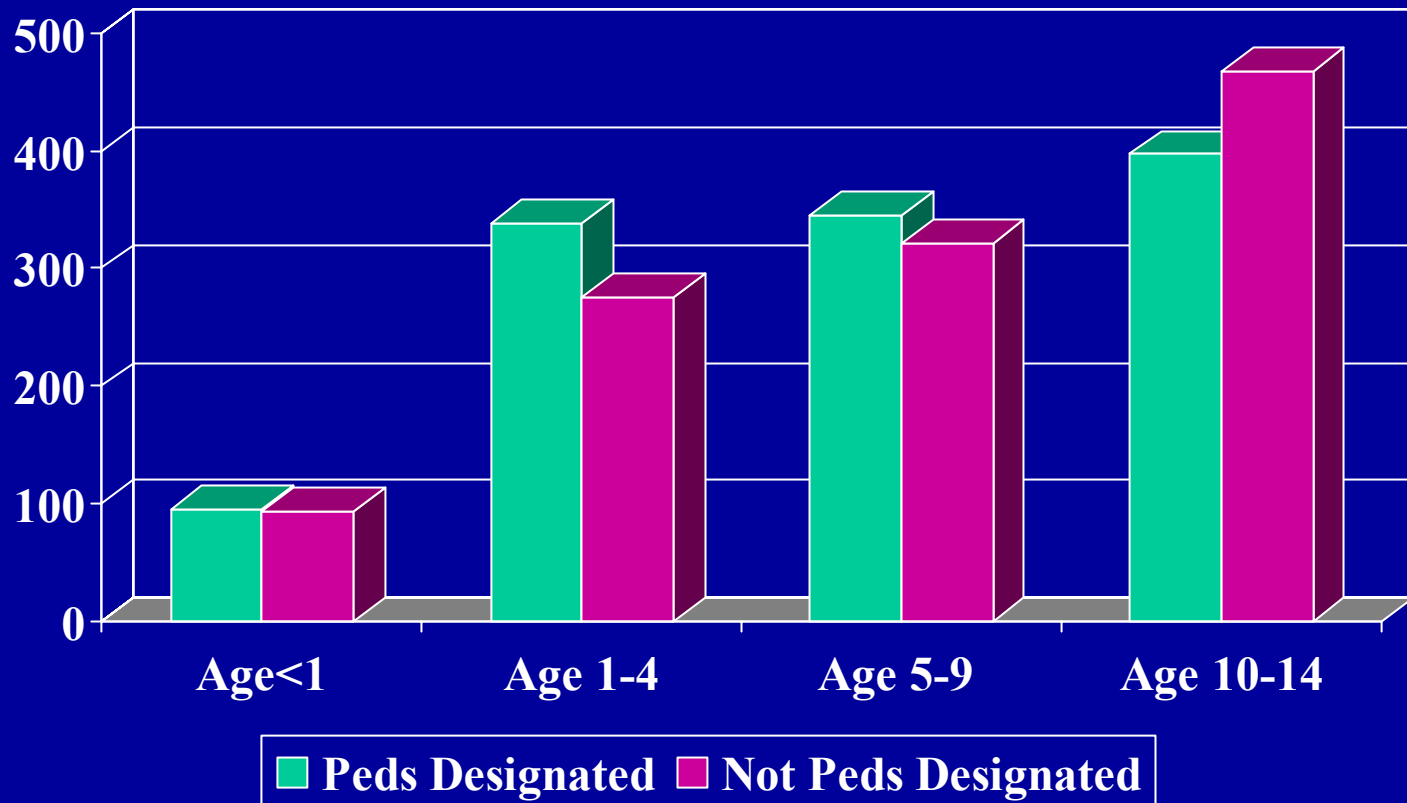
November, 2001

Pediatric Designation

- One Level I hospital
- Three Level II hospitals
- Five Level III hospitals
- Regions without pediatric designated services: North, Northwest, Southwest

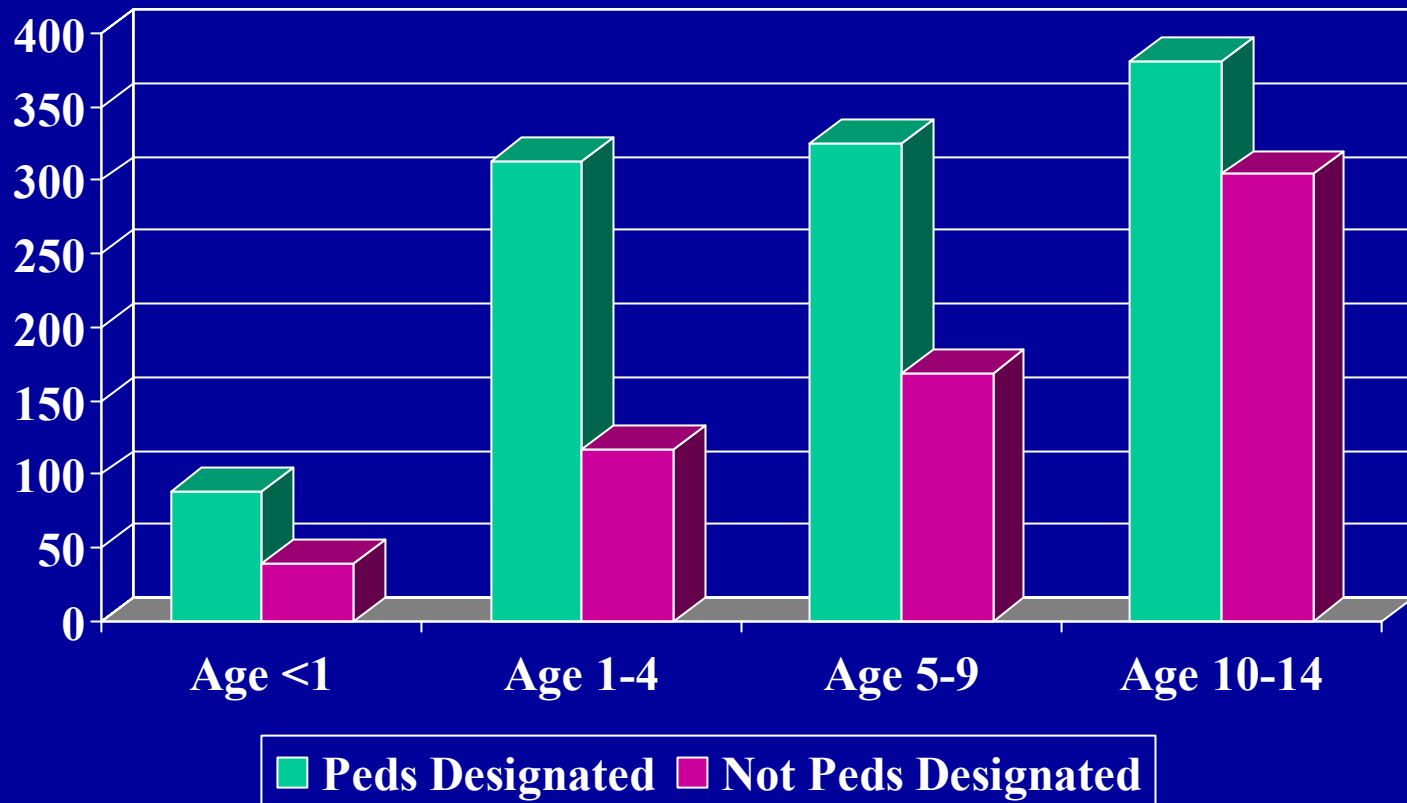
Location of Initial Care Received

Age<15, Year 2000, Trauma registry



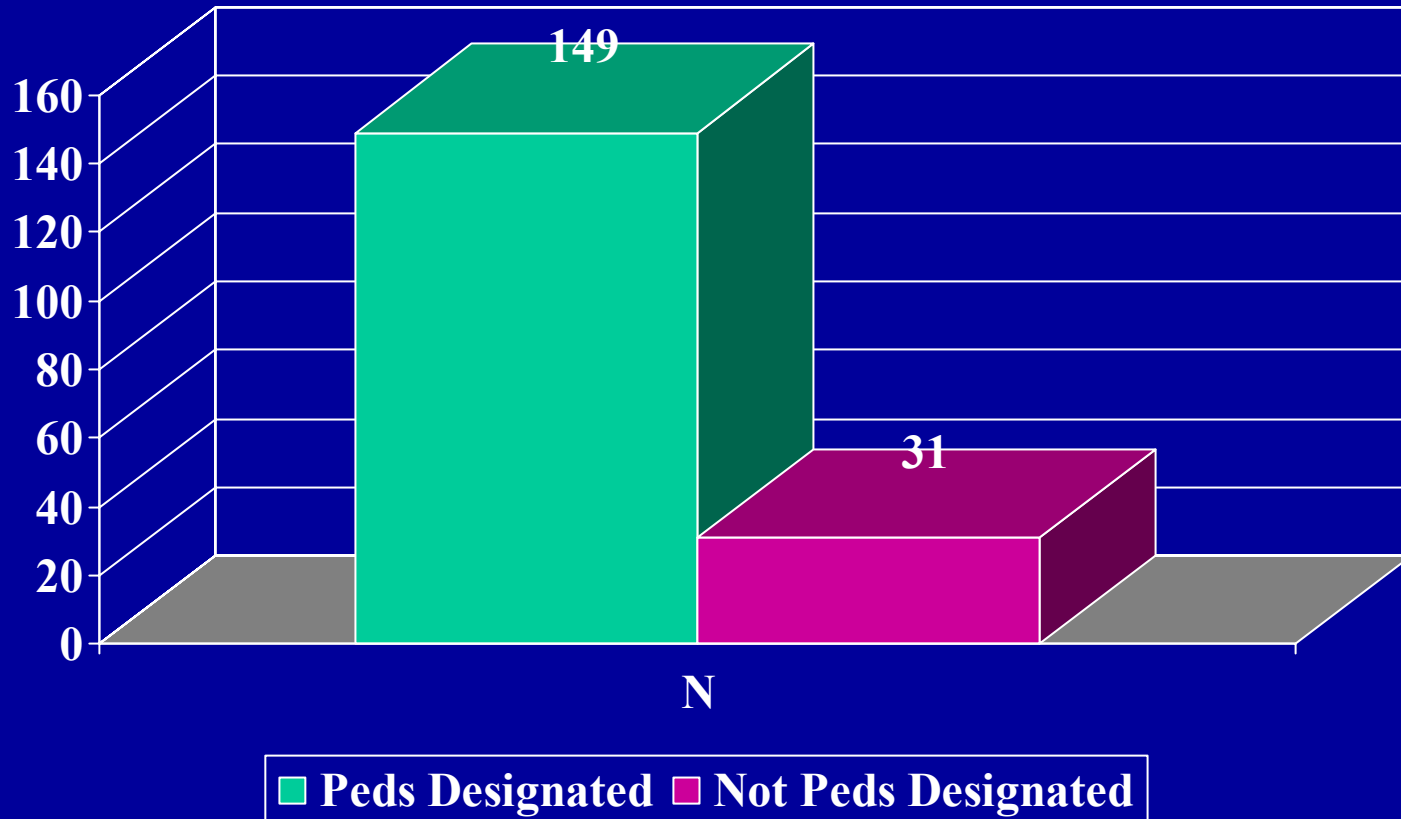
Location of Definitive Care

(Not Transferred, Age<15, Year 2000)



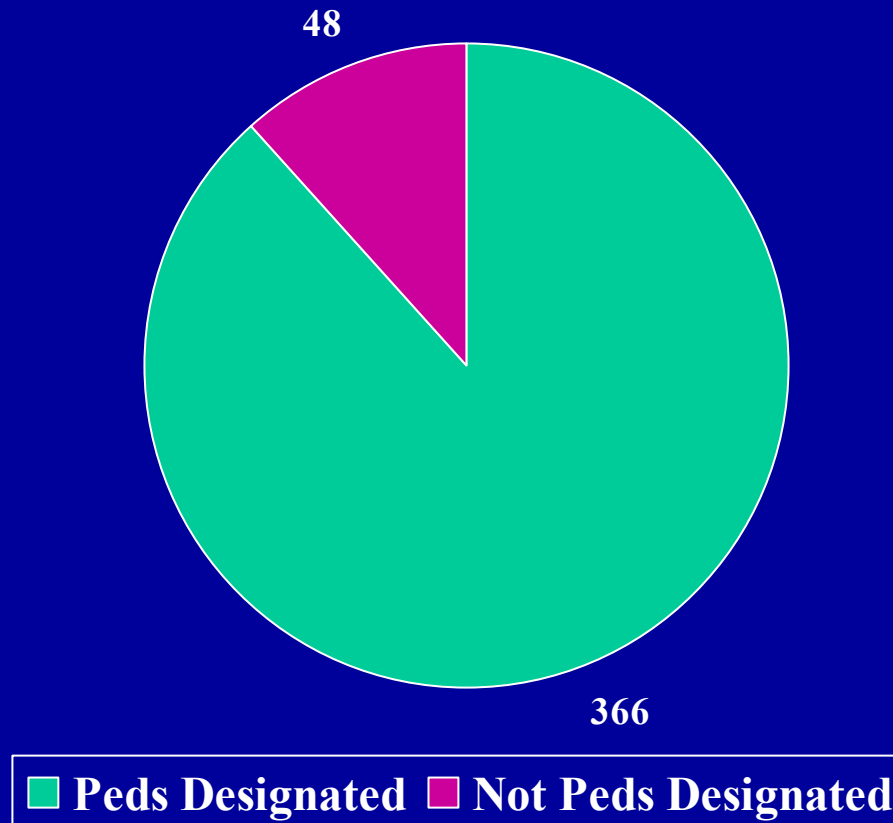
Major Trauma Definitive Care

(Not transferred, Year 2000, ISS 16+, Age<15)



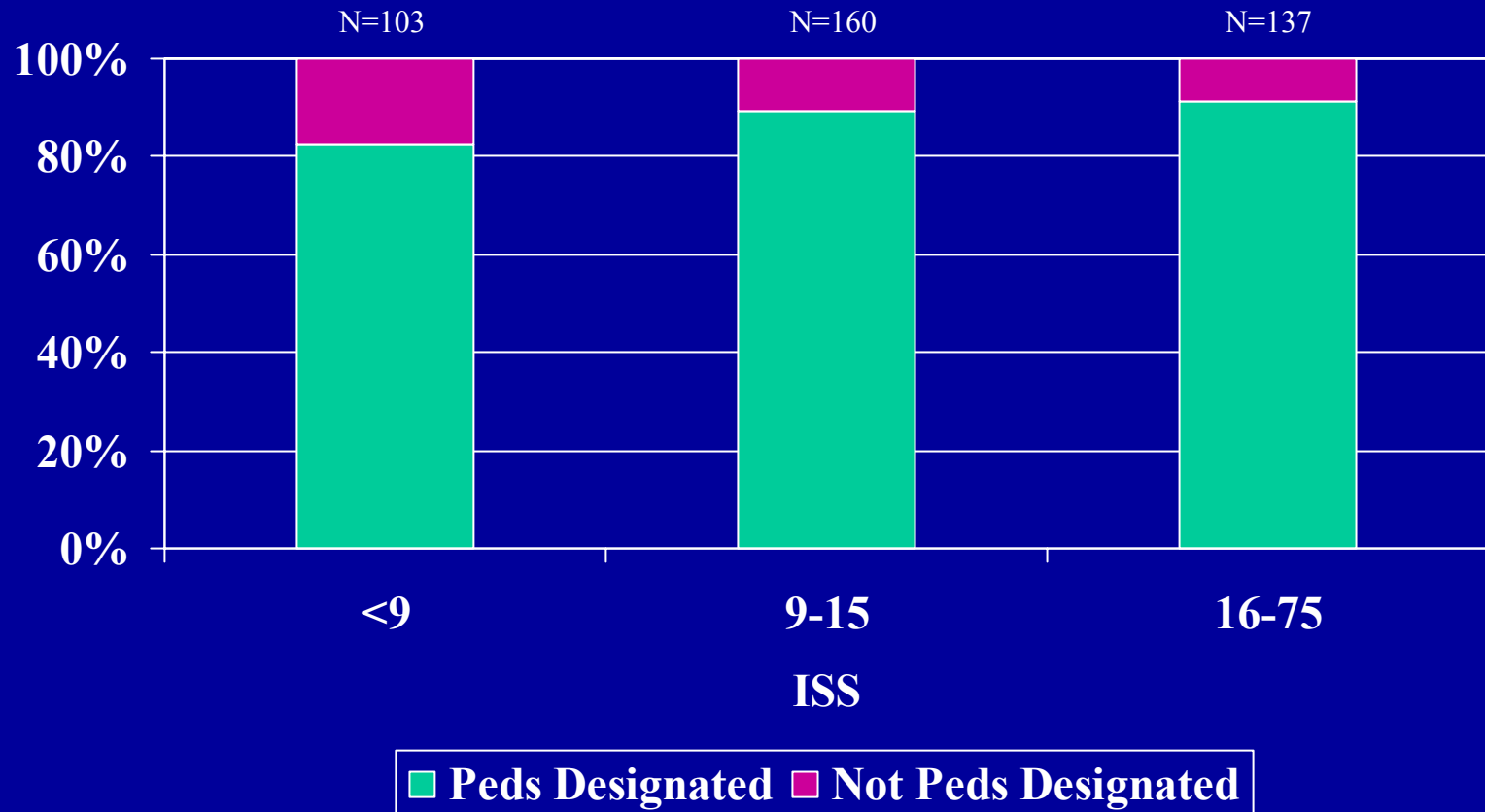
Pediatric ICU Admissions

Source: Trauma Registry, Year 2000, Age<15

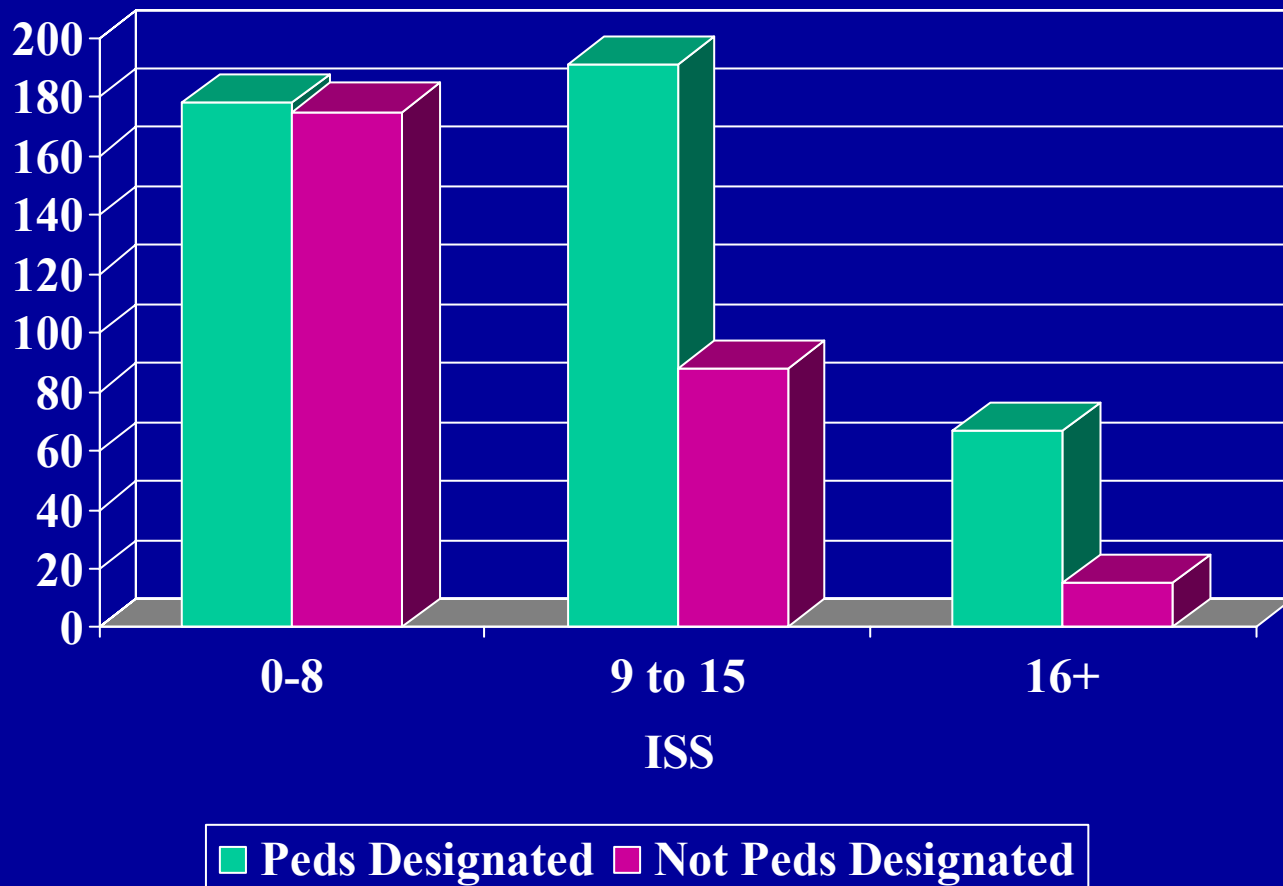


Pediatric ICU Admissions by ISS

Year 2000, Age<15



Pediatric Trauma Surgery by Designation – Year 2000



Surgery at Non-Pediatric Services – Year 2000

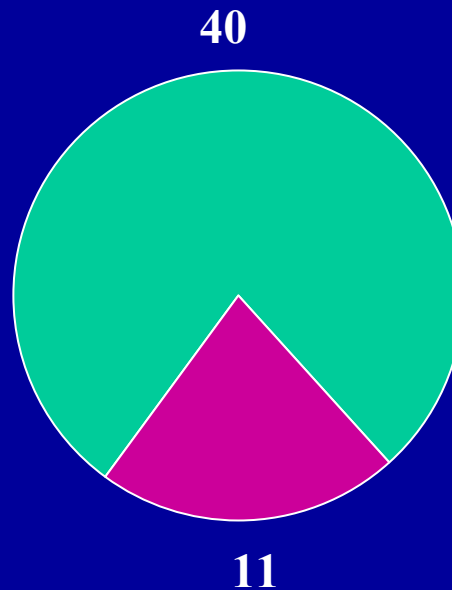
- 277 out of 281 children were discharged to home (including home with care).
- 2 were subsequently transferred to another acute care facility.
- 2 were discharged to rehabilitation or skilled nursing facilities.
- No pediatric deaths among those who went to surgery at a non-pediatric service.
- Delayed transfers (2) were 1 and 2 day LOS

ISS 16+ & Surgery at Non-Pediatric Service

- 15 cases in the year 2000
- 3 had injuries to the head
- 9 had isolated spleen injuries
- 3 had other thoracic injuries
- 14 were discharge home; 1 transferred to a pediatric service and subsequently discharged home

Pediatric Deaths by Location

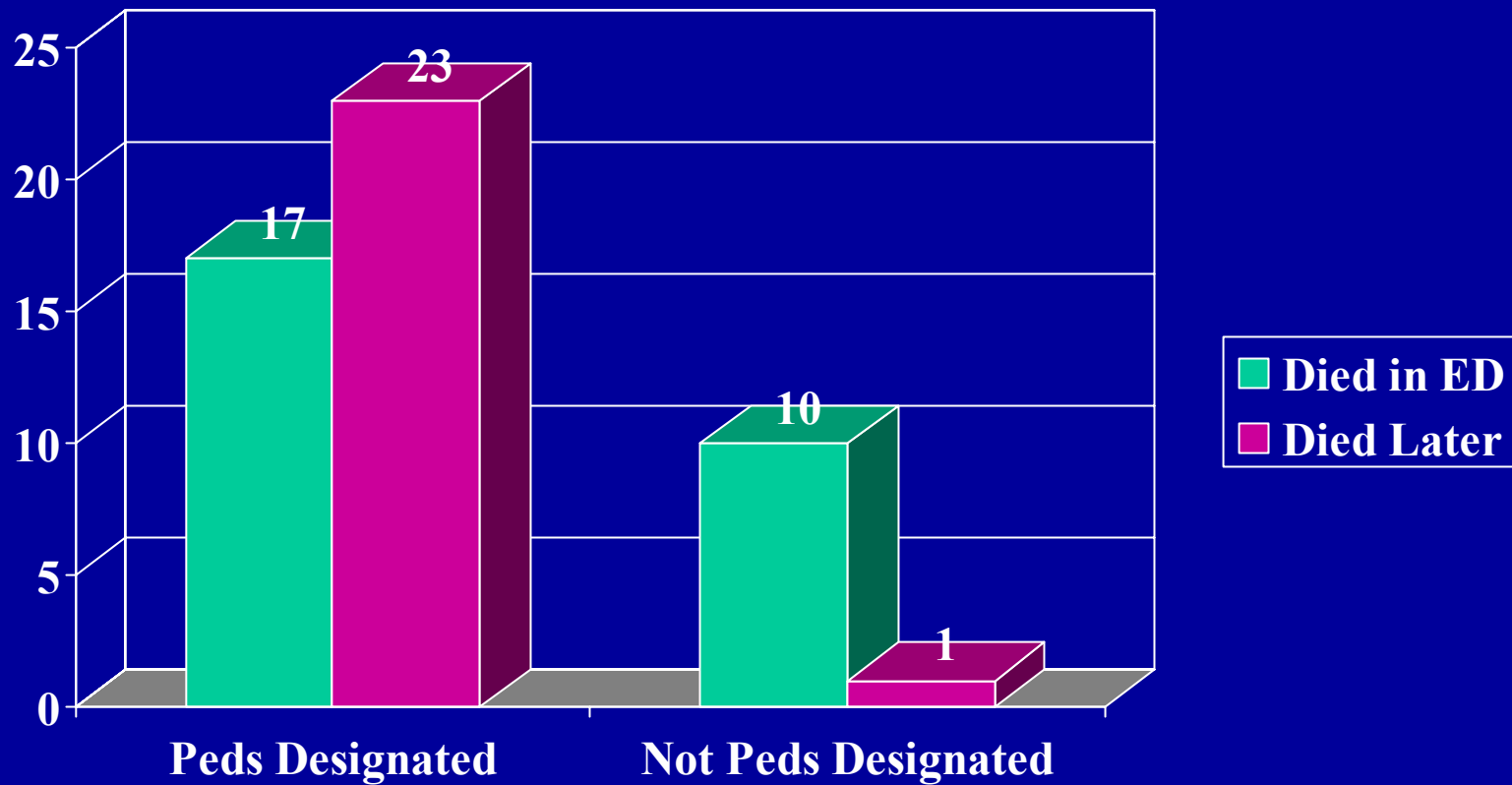
(Year 2000)



■ Peds Designated ■ Not Peds Designated

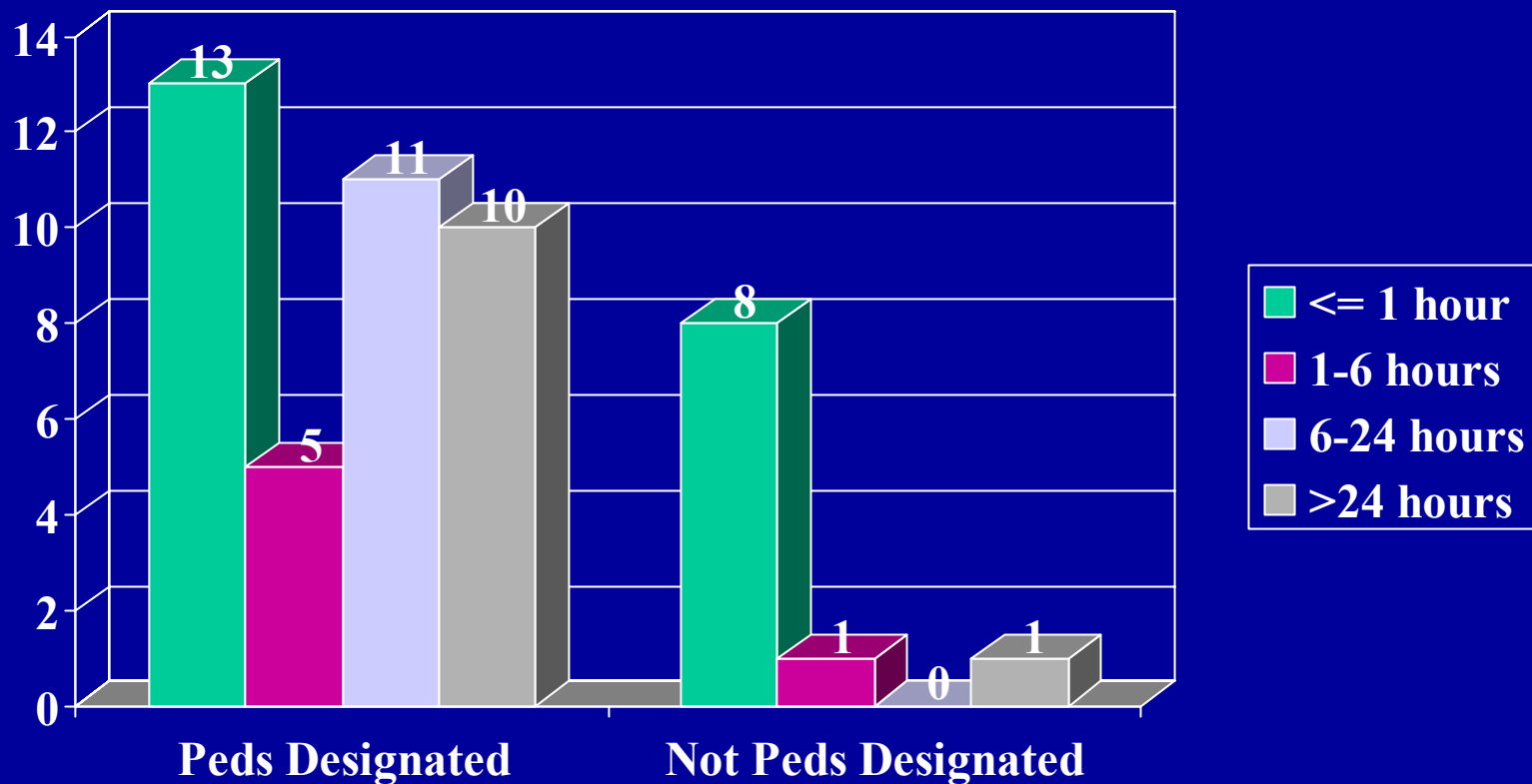
Pediatric Deaths

Year 2000



Pediatric Deaths by Time to Death

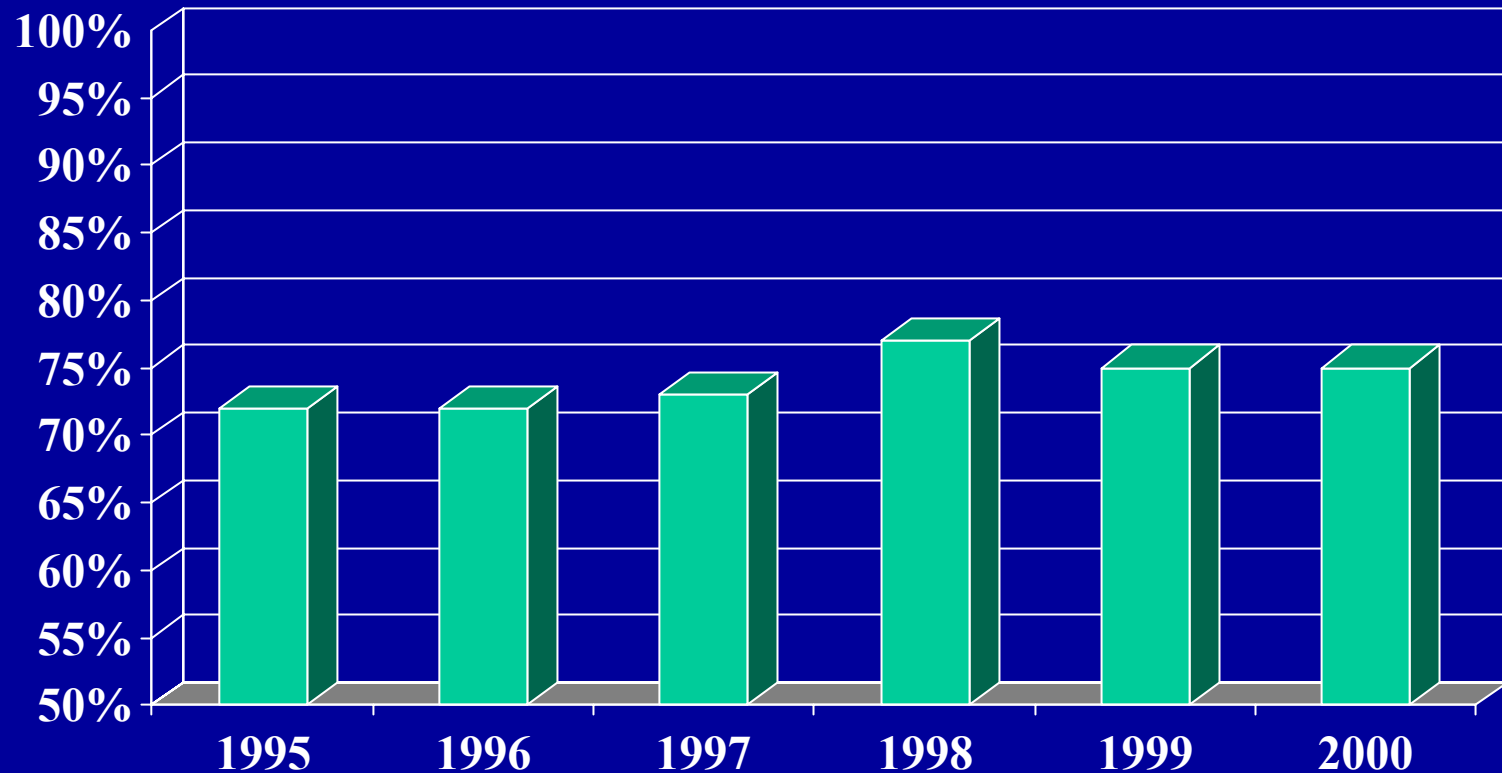
Year 2000



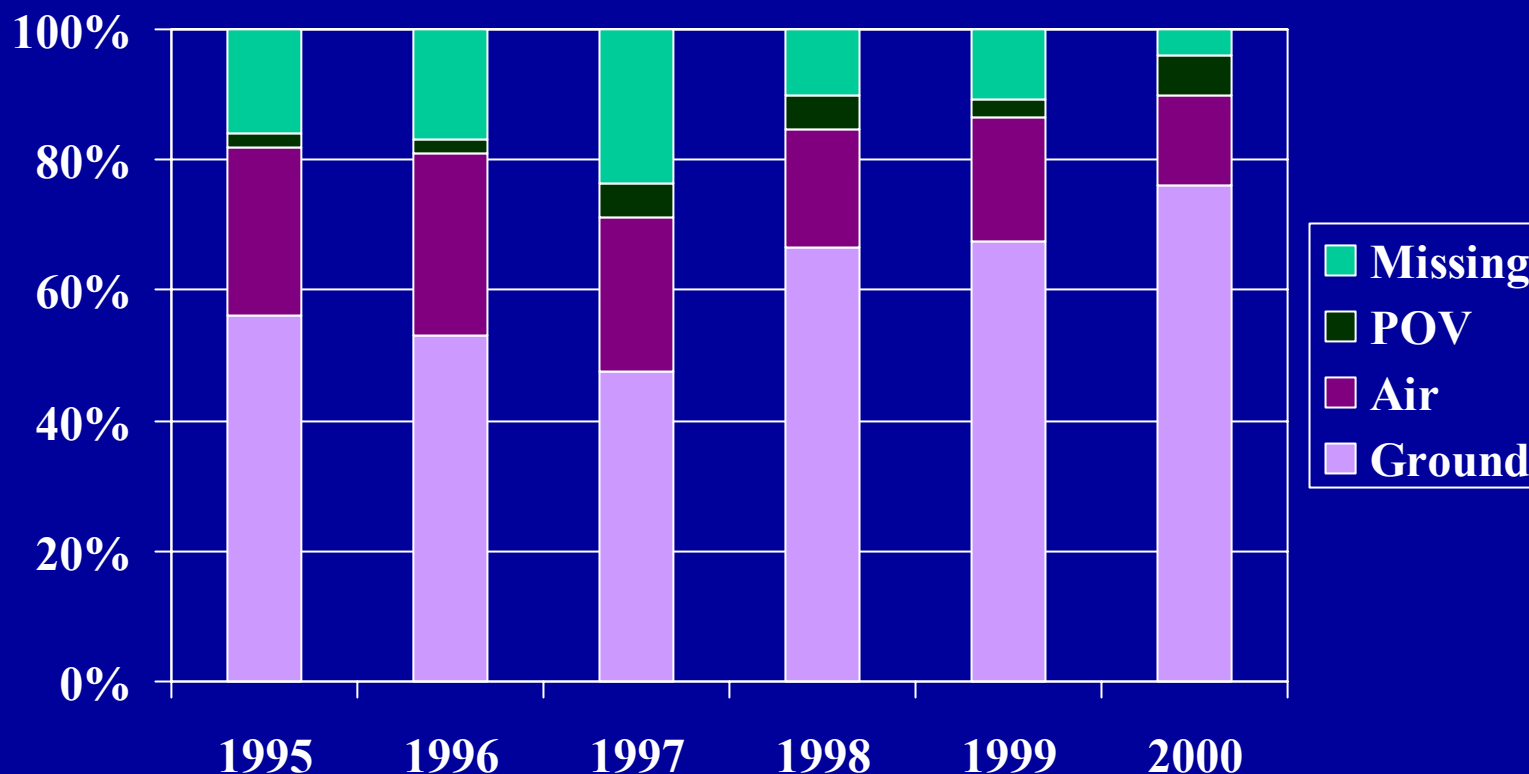
Transfers after Admission

- Non-pediatric services transferred 17 children after initial admission.
- 2 had surgery prior to transfer & 5 went to ICU without surgery.
- Average LOS prior to transfer: 2 days
- Linked data for 13 of 17 patients. Of 13 patients, 1 died at receiving hospital.

Suitability for TRISS (Pediatric Patients)

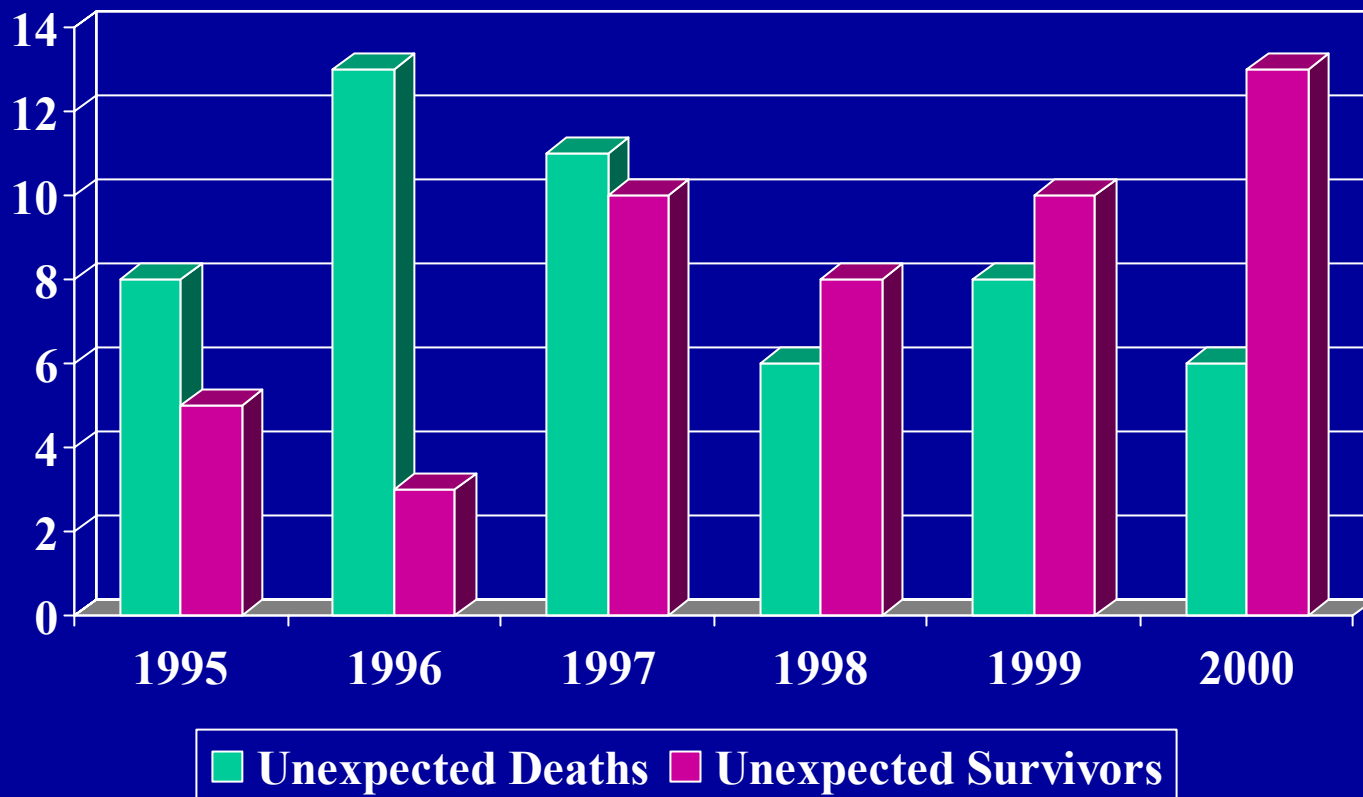


How Transported to Hospital (Age<15, Died Only)

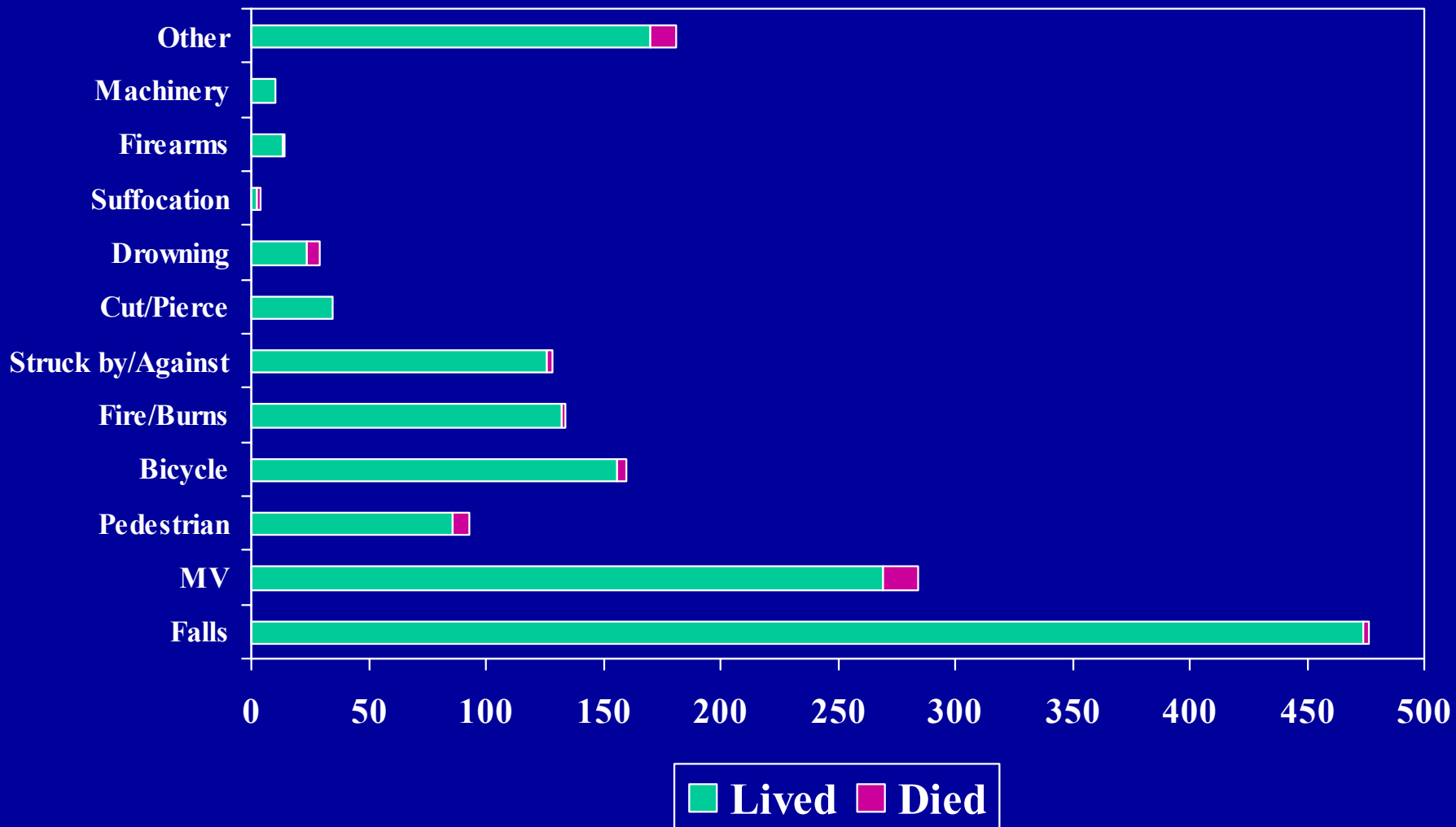


Unexpected Survivors and Deaths

Age<15, Year 2000, TRISS



Pediatrics by Mechanism (Year 2000)

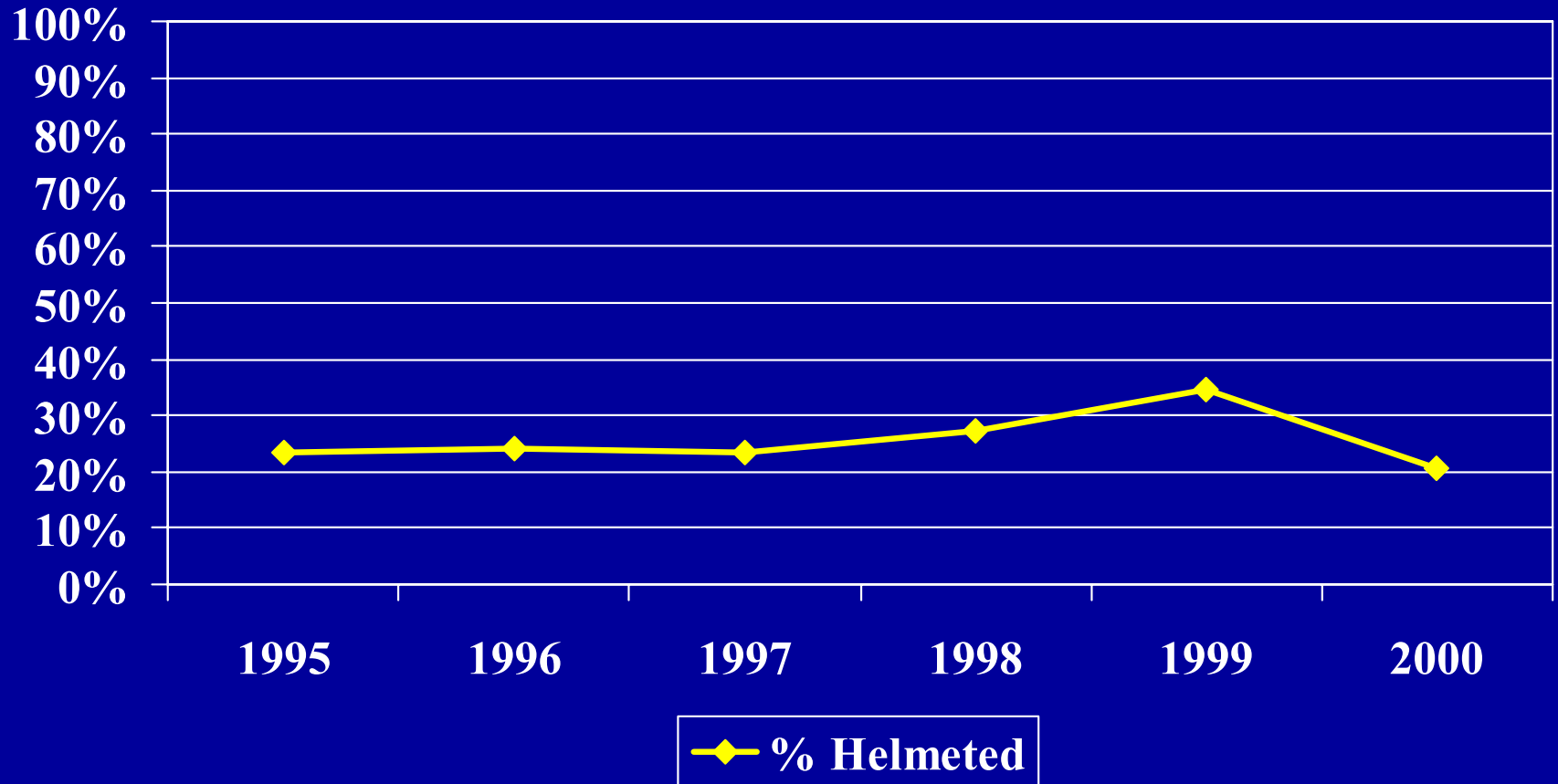


Protective Devices – Year 2000

- Only three out of 10 pediatric deaths from motor vehicle crashes had a protective device in use.
- None of the 4 pediatric bicycle crash deaths had a helmet in use.

Pediatric Bicycle Helmet Use

Source: Washington Trauma Registry, Age<15 years



Infant/Child Seat Use

Motor vehicle crashes, Year 2000

